NEO·GEO®

MAX 330 MEGA
PRO-GEAR SPEC
ADVANCED ENTERTAINMENT SYSTEM

INSTRUCTION MANUAL

SNK

- Please read the enclosed NEO·GEO operations manual included before playing your NEO·GEO.

Your NEO·GEO contains the following items.

Please check them carefully.

STANDARD CONTENTS

❶. NEO·GEO HARDWARE ..... 1 UNIT
❷. NEO·GEO CONTROLLER ..... 1 UNIT
❸. AC ADAPTER ..... 1 PIECE
❹. DIN PLUG CORD ..... 1 PIECE
❺. RF CONVERTER ..... 1 PIECE
❻. F-TYPE PLUG ..... 1 PIECE
❼. OPERATION MANUAL ..... 1 VOLUME

Please note above contents vary according to the region.

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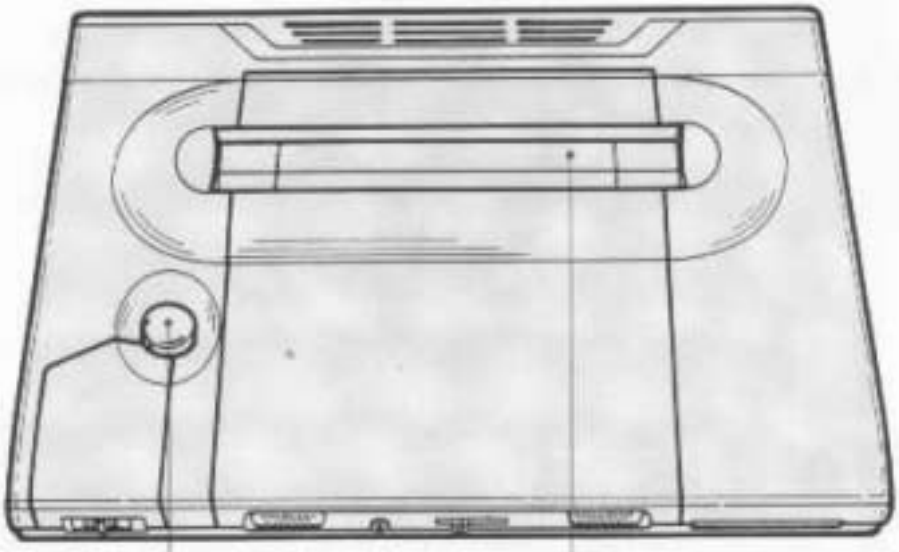
1 PART NAME & FUNCTION 〈NEO•GEO HARDWARE〉

TOP VIEW



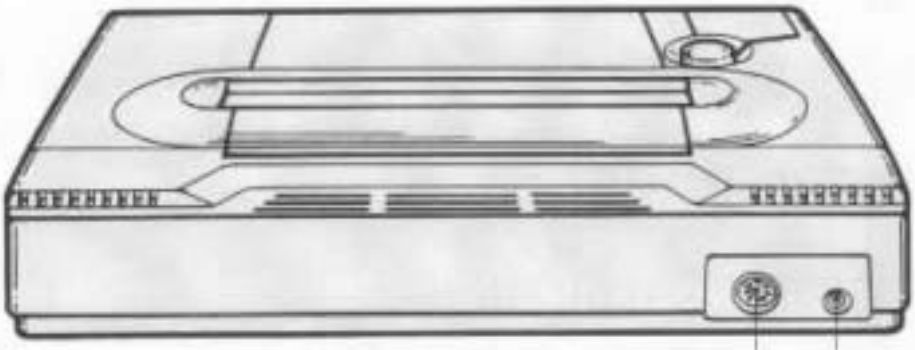
RESET BUTTON

Use this button when you want to resume from the beginning or when you made a mistake in the mode setting.

CARTRIDGE SLOT

Insert game cartridge into this slot.

REAR VIEW



A / V OUT

After inserting Din plug (included), please connect it to a TV with video input terminal.

DC IN

After inserting AC adapter (included), please connect it with your home power source.

* In case you have a TV without a video input, please refer to (2). "HOW TO CONNECT"

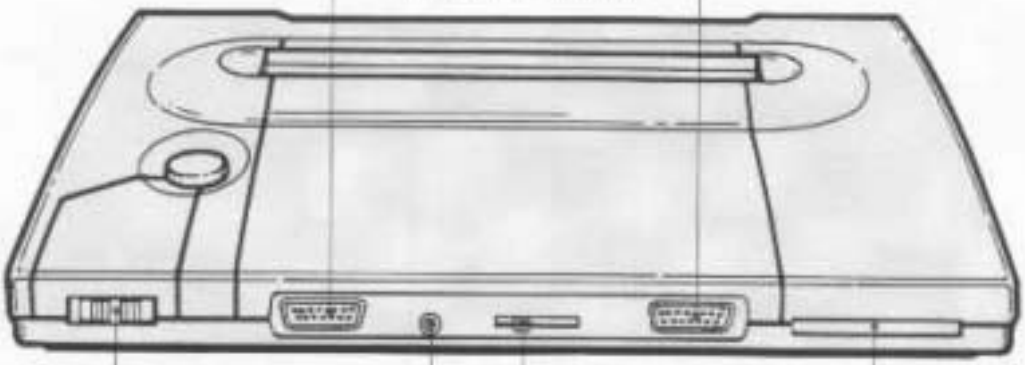
CONTROLLER 1

For 1 player, connect the controller included.

CONTROLLER 2

For 2 players, you will need another NEO•GEO controller.
(*Only one controller is included with NEO•GEO set.)

FRONT VIEW



POWER

When you turn the power switch on, the power is on. (When inserting or removing a cartridge, please make sure that the power is off. If you do not turn the power off before removing your game cartridge, this may cause damage to your unit or cartridge.)

MEMORY CARD SLOT

Insert Memory Card into the slot. The Memory Card enables you to save your game play data. It can also be used to link up to the "Multi-Video System" coin operated version. You can resume game play at both the arcade or at home with your Memory Card.

HEADPHONES

When you connect your own personal headphones, you can enjoy stereophonic sound. (Monaural headphones will not function properly.)

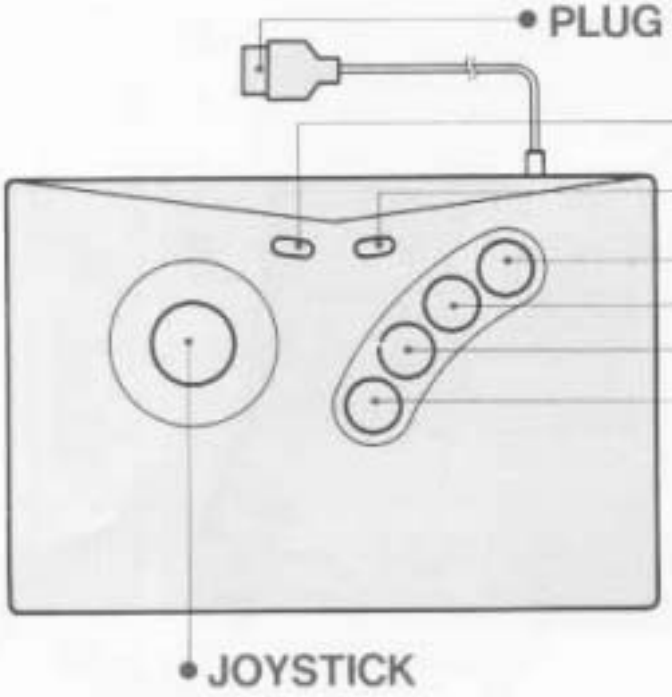
VOLUME

Volume adjustments to your headphones can be made with the volume control. Volume will be increased when sliding the control to the right.

1 PART NAME & FUNCTION 〈CONTROLLER/ACCESSORIES〉

〈CONTROLLER〉

Use the controller when you play a game.
Please refer to the instruction manual for each cartridge as the button use for each game is different.



- **PLUG :** Connect the plug with control terminal (controller) of your NEO•GEO HARDWARE.
- **SELECT BUTTON**
- **START BUTTON**
- **D BUTTON**
- **C BUTTON**
- **B BUTTON**
- **A BUTTON**
- **JOYSTICK**

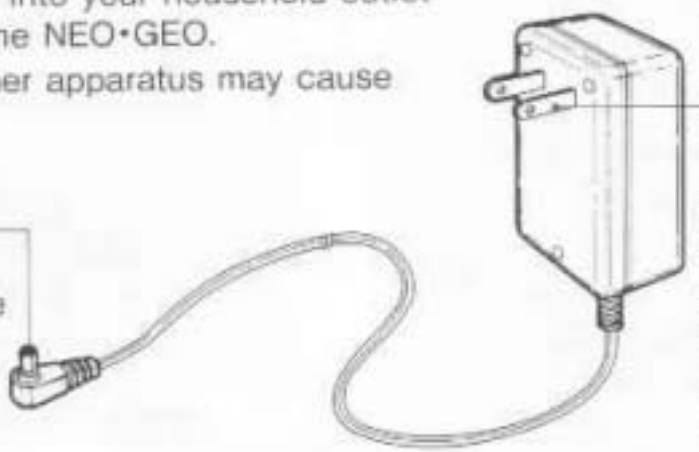
〈DIN PLUG CORD〉

This is the cord that connects to a TV equipped with a video input terminal.
*In the case of a TV without a video input terminal, please refer to (2) "HOW TO USE".

- **A/V PLUG**
  Connect above plug with A/V output terminal (A/V OUT) of the HARDWARE.
- **VIDEO PLUG**
  (Yellow RCA Phono)
  Connect above plug into TV "video in" input terminal.
- **AUDIO PLUG**
  (White RCA Phono)
  Connect above plug into TV "Audio in" input terminal.

〈AC ADAPTER〉

Plug the AC adapter into your household outlet to supply power to the NEO•GEO.
(*AC adapter for other apparatus may cause a problem.)



- **OUTLET**
  Plug into home power outlet to power your NEO•GEO.
- **PLUG**
  Connect to AC INPUT terminal (DC IN) of the NEO•GEO hardware.

NOTE

When you put the cord for the AC adapter away, do not coil it up or wrap around the adapter itself.
It may cause a problem.
Please fasten the cord separate from the Hardware.

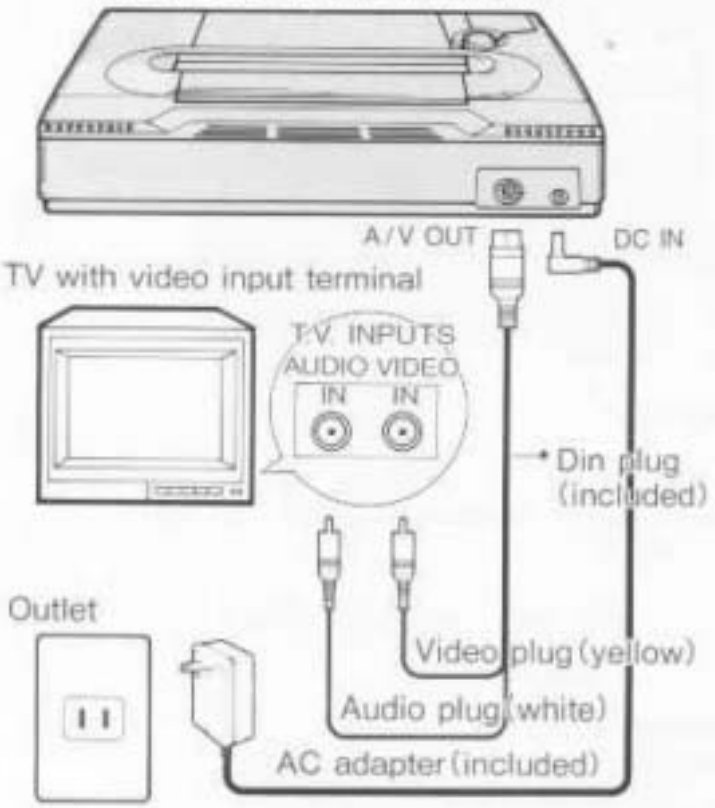
2 HOW TO HOOK UP NEO·GEO

The NEO·GEO allows you to enjoy game play by connecting the DIN PLUG CORD (included) to a TV with a "video input" terminal.

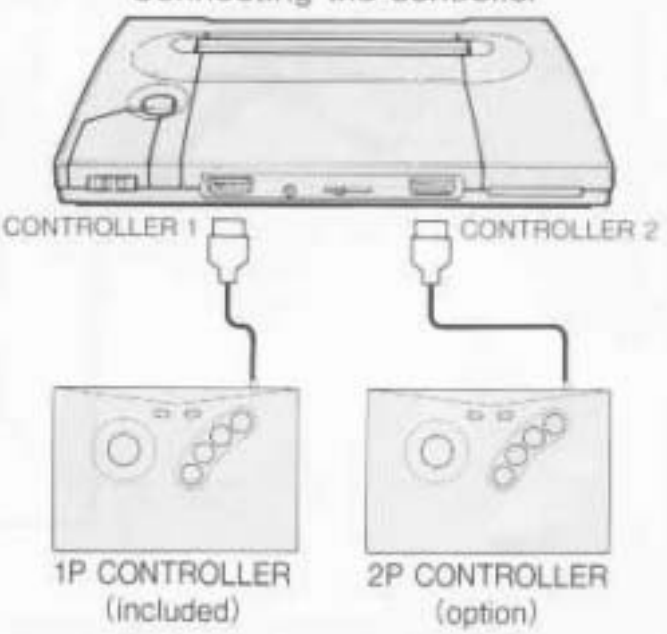
- When hooking up to a TV with analog RGB input, you will need to configure RGB cable accordingly. (available at electronic stores.)
- When hooking up to a TV with an RF input terminal, please use an RF transformer (FCG-8). (Also available at your local electronics store or thru SNK directly.)

(DRAWING FOR CONNECTION)

(Drawing 1) Connection to a TV (back side of the hardware)



(Drawing 2)
Connecting the controller



※When you want to play with 2 Players, another controller is needed separately.

1. CONNECTING YOUR NEO·GEO TO YOUR T.V.
   Connect audio & video RCA phono plugs into input of audio in & video in at the rear of your T.V. monitor.
   ※In the case of a TV with two sound terminals, connect to the left channel terminal, or use an audio "Y" adapter.
2. CONNECTING THE CONTROLLER TO YOUR NEO·GEO.
   Connect your controller (included) to the NEO·GEO as per drawing 2.
   ※For 1 player, insert the plug into CONTROLLER 1. For 2 players, insert the plug into CONTROLLER 2. (Controller for 2nd player is sold separately)
3. INSERT AC ADAPTER INTO THE OUTLET.
   After the completion of steps 1 & 2 above, insert the AC adapter (included) into the hardware unit and into the outlet.
4. INSERT CARTRIDGE IN SLOT.
   Insert cartridge into the slot as shown in drawing 3. Game will start when you turn the power switch on.
   ※Please refer to ☞3, HOW TO PLAY if you want to know how to use in detail.

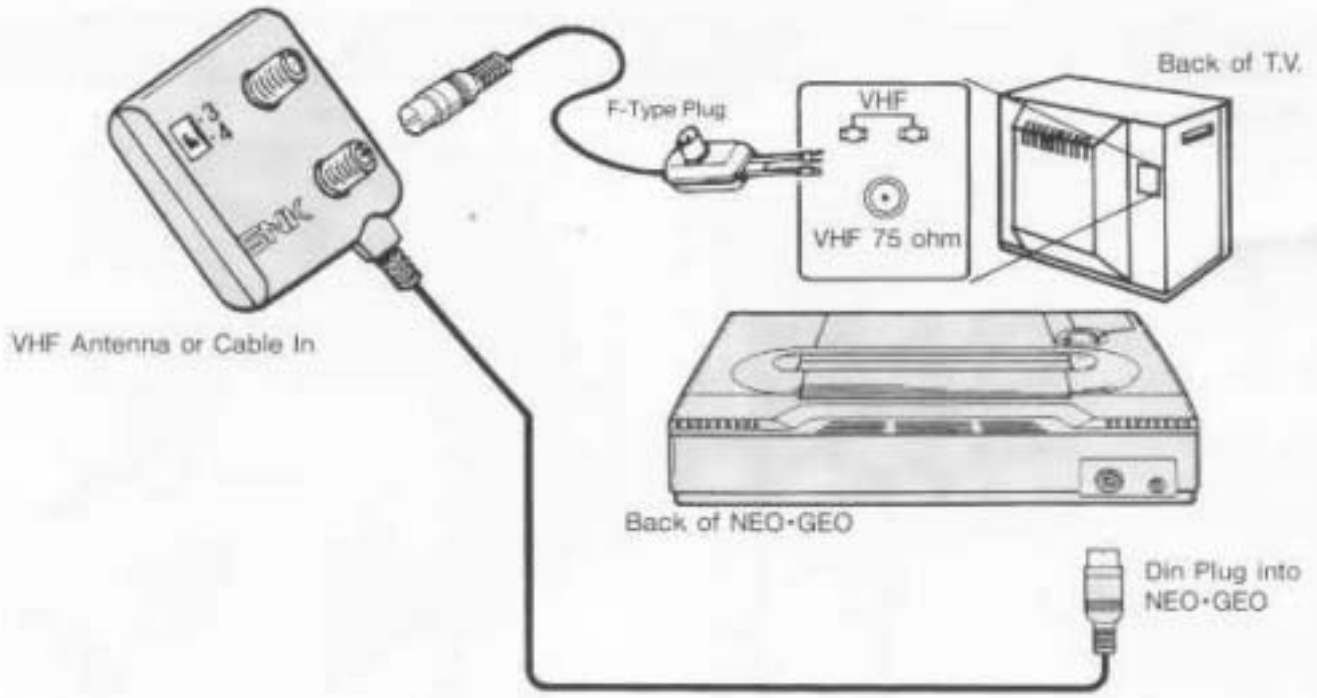
(Drawing 3) Inserting the Cartridge & Memory Card

Insert cartridge into the slot.

※You can enjoy playing a game without Memory Card. Please refer to (4). "MEMORY CARD".

MEMORY CARD

RF CONVERTER HOOK-UP



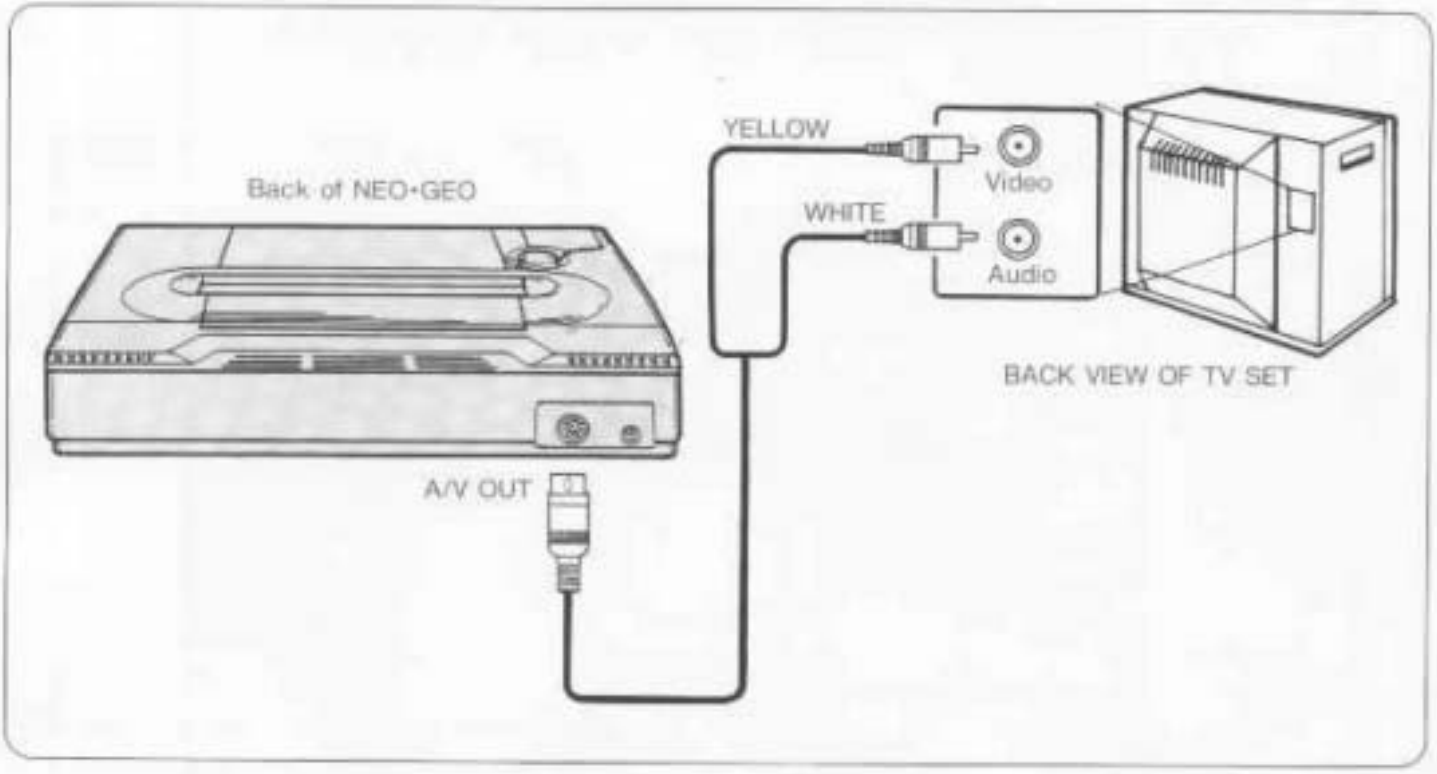
GETTING THE BEST AUDIO/VIDEO PERFORMANCE FROM YOUR NEO•GEO ADVANCED ENTERTAINMENT SYSTEM

NEO•GEO is the most sophisticated home video game system available on the market today. With a pallet of 65,536 colors (4096 colors displayed at one time) this powerful system is capable of delivering the utmost in crisp, high-resolution graphics. The only limitation as to what you see on your television set depends on the model, age, and capabilities of your television or television monitor.

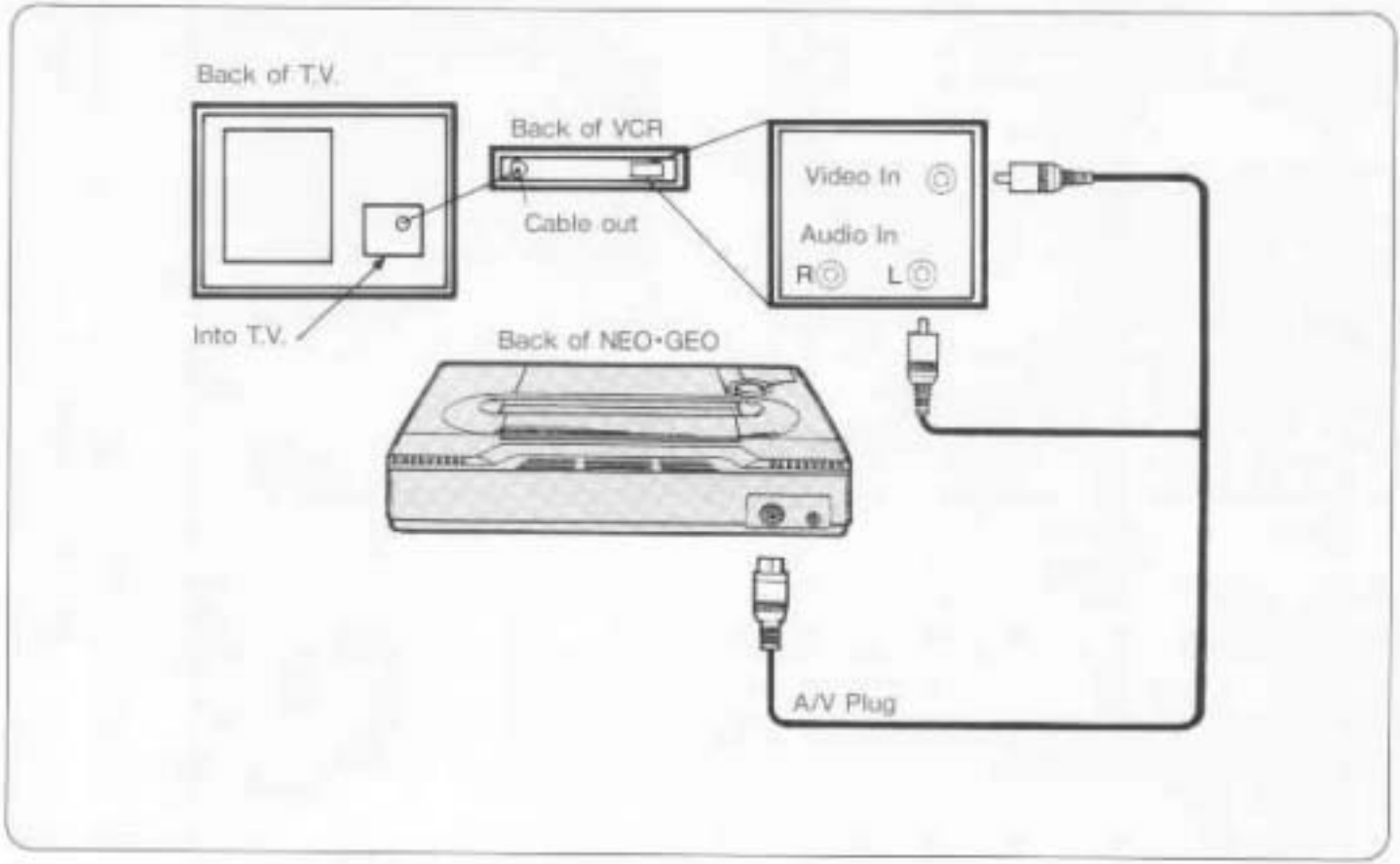
Whereas most Television sets available on the market will give very satisfactory results; you will achieve the best look possible with an RGB television monitor. Recent television models will have separate audio/video inputs and you will obtain a better quality picture and sound with the A/V cable provided with the system. Older television models without separate audio/video inputs can be connected with the RF converter hook-up, also included in your system.

Please be sure to keep your NEO•GEO and its A/C power cord from laying on top of other power sources, as this may cause some interference.

TV with video and audio input jacks



HOOK-UP THRU VCR



3 HOW TO PLAY

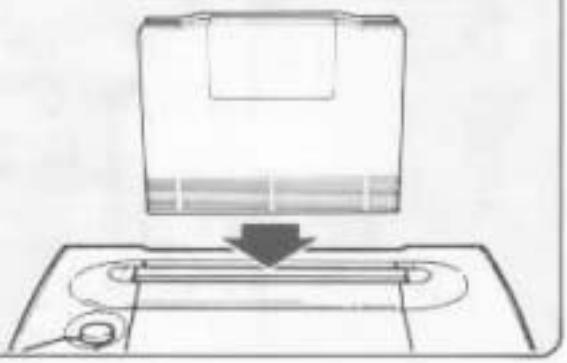
To play a game, a NEO•GEO game cartridge is needed.
Please use your NEO•GEO game cartridge in the following order:
(When inserting or removing a game cartridge, make sure the power to the NEO•GEO unit is off.)

〈TO START GAME PLAY〉

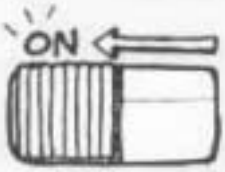
1 Turn your TV on.

2 Switch TV input mode to video mode. (RF inputs, change to channel 3 or 4.)

3 After checking to make sure the power of your NEO•GEO is off, insert the game cartridge into the slot. Insert cartridge tightly and make sure it is not inserted upside down.)



4 Turn on your NEO•GEO.



5 The game screen will appear; if it does not, press the RESET button.

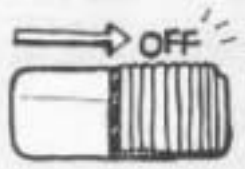
6 Select game (1 or 2 players) with the controller and start the game. 〈*Refer to the instruction manual of each cartridge as to how to use the controller for each game.)

*Please note the following points when you end game play.

〈WHEN YOU STOP PLAYING〉

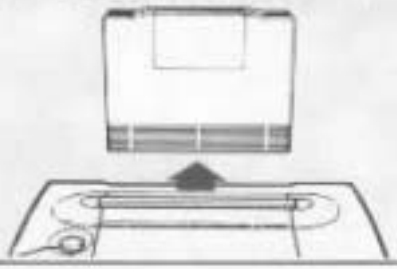
1

Turn off your NEO•GEO.



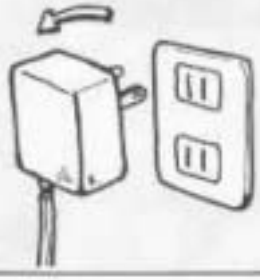
2

Remove the cartridge from the slot. (*Do not remove the cartridge with "power on".)



3

Pull AC Adapter out of the outlet.

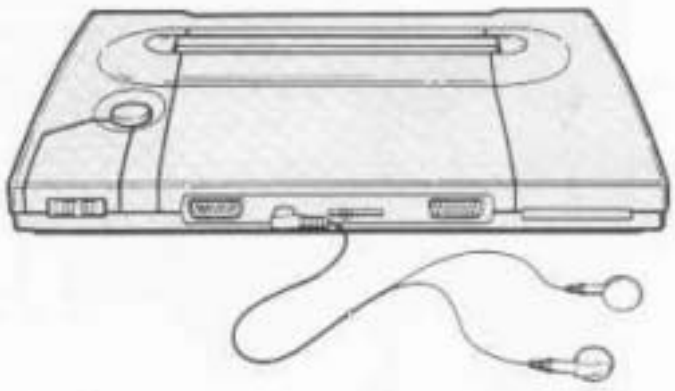


〈TO ENJOY A GAME IN STEREO SOUND〉

1 Connect any standard personal headphones into the mini stereo headphone input terminal at the front of the NEO•GEO.

2 Adjust headphones volume control to the right to increase volume.

NEO•GEO has an FM sound Source installed. You can enjoy the powerful stereo sound with headphones.



NOTE 1). Be sure to use stereophonic headphones. Monophonic headphones may cause a problem.

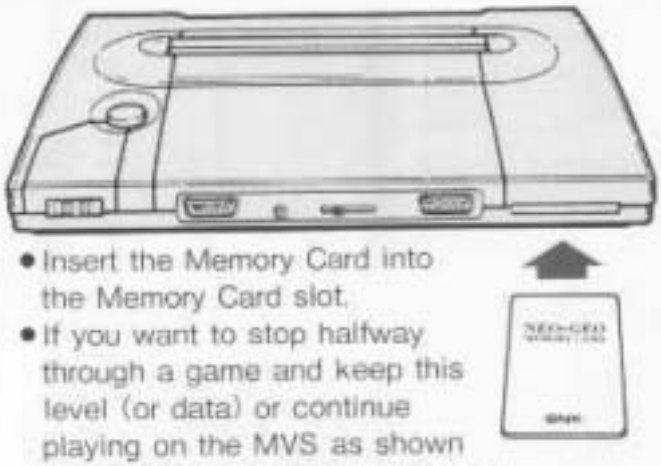
NOTE 2). When you play without headphones, normal connection gives you monaural sound even if TV is installed with FM Sound Source.

4 MEMORY CARD

〈WHAT IS THE NEO·GEO MEMORY CARD?〉

- NEO·GEO Memory Card is a compact IC card that is capable of retaining multiple game data. (i.e., scores, game stage, etc...)
- If you stop playing halfway through a game, this card memorizes the data so that you can resume the game from the stage where you stopped.
- The main characteristic of this card is that you can enjoy twice as much fun because the Memory Card enables you to resume game play where you left off at home, at a game center or arcade! Also, you can build up your levels at the arcade using the SNK Multi-Video System and remove your card & continue play at home.
- The Multi Video System is.....*
  A system in which up to 6 different software cartridges are installed in 1 coin operated cabinet at a location. The player can select his favorite of 6 games.

THE MEMORY CARD ENABLES YOU TO RESUME THE GAME AT AN ARCADE!



- Insert the Memory Card into the Memory Card slot.
- If you want to stop halfway through a game and keep this level (or data) or continue playing on the MVS as shown below, finish playing after saving data on the Memory Card.

ARCADE

- Use your Memory Card on a Multi-Video System at the location. This enables you to continue the NEO·GEO game you like to play at home. You can enjoy it in reverse too!

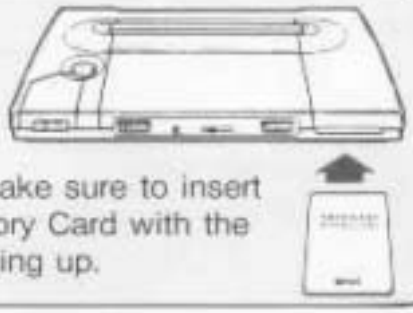
Multi Video System

Insert the Memory Card into the Memory Card slot on the Multi Video System. Start your game after you insert the card.

〈CAUTION (MEMORY CARD)〉

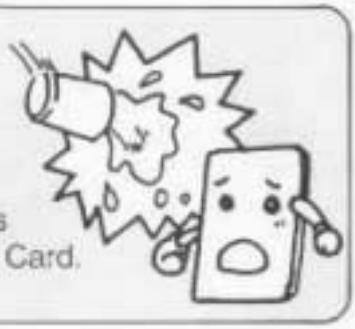
Please keep the following points in mind so that you use this card properly and safely.

① Please make sure not to pull out Memory Card or cartridge.
Do not shut off power during load or save.



② Please make sure to insert the Memory Card with the arrow facing up.

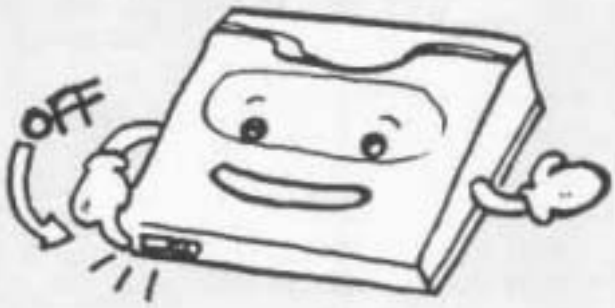
③ Keep water and foreign substances away from connector parts of the Memory Card.



④ The back up battery in the Memory Card will normally last 5 years.
If there is a lot of memory on the card, the battery may run out before that period. If you want to copy data to a new Memory Card before the battery is dead, keep software cartridges in slot and press reset button with A, B, C & D buttons pressed down so that copy command in Memory Card utility program will work to copy.

⑤ Besides the official NEO·GEO Memory Card, only an IC unification card which is over Ver.3 (JEIDA) with 68 pins can be used.
Be sure not to use any other cards!

⑥ Pull out the Memory Card after the power switch is off.



⑦ Do not use SNK Memory Card on a personal computer installed Memory Card connector which meets unification standards.
Memory Card will not be damaged but its data may be deleted.
If you use IC Card intended for a personal computer on a NEO·GEO, please note programmed data will be eliminated.

5 ATTENTION

Please keep the following points in mind so that you use this product properly and safely. If you have any questions, please do not hesitate to ask a salesperson.

(1) GAME CARTRIDGE

- Be sure power switch is off when you insert or remove cartridges. Failure to do so may cause disorder.

(2) AC ADAPTER

- Do not use any adapters other than the one provided with your NEO•GEO Hardware. Be sure to disconnect AC adapter after play.

(3) USE & MAINTENANCE

- Please keep away from direct sunlight, heaters or other heat sources.

- Please keep unit away from damp or dusty areas. Do not dampen with water or touch with wet hands.

- When bringing unit from cold to hot temperatures, water-drops may appear on the surface. In this case, please wait for about 1 hour before resuming game play.

(4) HANDLING

- Do not disassemble or remodel this product.

- Do not drop or strongly shock unit. When pulling out the connector cord, do not bend the cord or pull it out during full power. Grab the base of the cord and pull out slowly.

- If you use benzine or thinner to wipe off dust on the surface, a color change will occur.

6 TROUBLE SHOOTING

Please check carefully before you ask for assistance.
The following points can occur and does not mean your unit is broken.

CASE	CHECK
Picture or sound does not come out. 	➡ Is power off on TV or NEO•GEO ? ➡ Has the power supply plug of the TV or AC adapter come out of the outlet ? ➡ Is AC adapter inserted properly ? ➡ Are picture and sound plug of din plug cord inserted upside down ? ➡ Is TV input mode "VIDEO" ? ➡ Is the game cassette inserted firmly ?
Picture not in color. Something is wrong with color.	➡ Adjust picture control of TV.
Picture is flickering. 	➡ Adjust the vertical and horizontal hold of TV.
Game sound does not come out.	➡ Adjust the volume of TV. ➡ Is sound plug inserted properly ?
Sound does not come out from headphone.	➡ Is plug of headphone inserted properly ? ➡ Check headphone volume of NEO•GEO. ➡ Are you using stereo headphones ?

7 SERVICE INFORMATION

1). In case of malfunction, stop using the product immediately.
Unplug the AC adapter and ask the shop where you purchased the unit for assistance in repair.

2). If you have any questions about the after-sale service, call the store where you bought the product

MEMO

Fill in upon purchase for future convenience:

MODEL NAME	NEO•GEO
NUMBER NAME	NEO-AEC
PURCHASE DATE	
NAME OF SHOP	

MEMO

8 STANDARDS & SPECIFICATIONS

■ STANDARDS

MODEL NUMBER & NAME	NEO-AEC
POWER SOURCE	Exclusive AC adapter should be used. DC9V
POWER CONSUMPTION	8W
USABLE ENVIRONMENT	Temperature / 5-35°C, Humidity / 20-80%
DIMENSIONS	Main unit / 325mm (width) × 237mm (depth) × 60mm (height) Controller / 280mm (width) × 190mm (depth) × 95mm (height)

■ SPECIFICATIONS

CPU		68000 (12MHz) · Z80A (4MHz)
MEMORY	WORK RAM	64K byte
	VRAM	68K byte
SOUND EFFECT		FM Sound Generator, PSG, PCM
VISUAL EFFECT	VDP	SNK Custom LSI
	NUMBER OF COLORS	65536
	DISPLAY	TV Monitor
	REFLECTIVE VIDEO OUTPUT	A / V output (to be connected through attached din plug cord) RGB output (to be connected through analog 21 pin RGB cable FCG-9, or similar, which is sold separately)
HEADPHONE TERMINAL		1 piece (Exclusive for stereo headphone)
CONTROL TERMINAL		2 pieces (can be installed 1 player or 2 player controller)
RESET BUTTON		Restarting function
CARTRIDGE SLOT		One slot
MEMORY CARD INPUT CONNECTOR		68 pin, 16 bit output memory card JEIDA SPECIFICATION (IC card, Guide Line of more than Ver. 3)

※Specifications and outer design might be changed without notification to improve product.

NEO•GEO IS A TRADE MARK REGISTERED BY SNK.

SNK CORPORATION